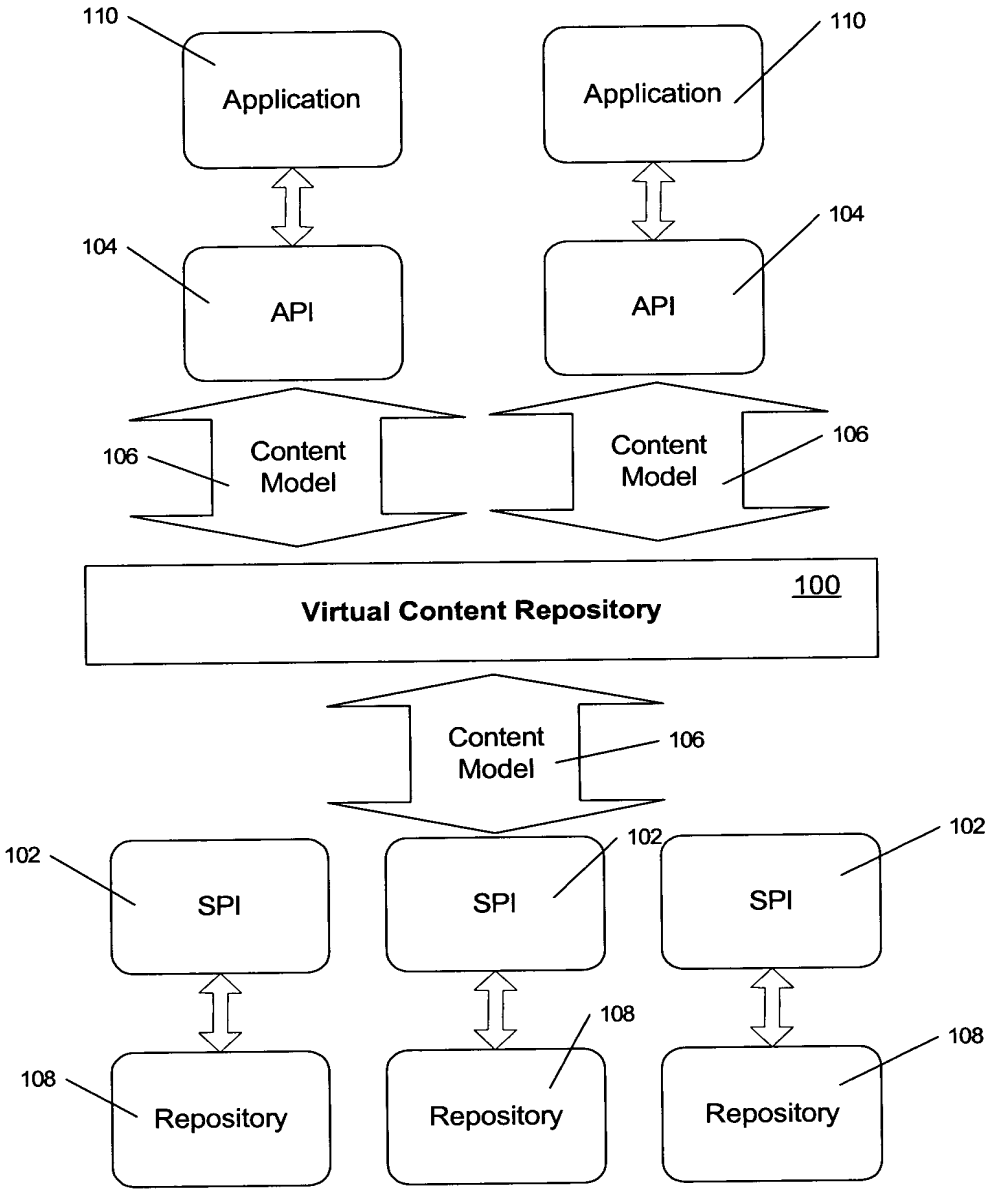
110
Application
110
Application
104
API
104
API
106
Content Model
Content Model
106
Virtual Content Repository
100
Content Model
106
102
SPI
102
SPI
102
SPI
108
Repository
108
Repository
108
Repository

Figure 1

Title:	VIRTUAL REPOSITORY COMPLEX CONTENT MODEL		
Inventor(s):	James Owen, et al.		
Application No.:	Not Yet Assigned	**Attorney:**	Daniel J. Burns
Docket No.:	BEAS-01364US0	**Telephone No.:**	(415) 362-3800
Filing date:	Filed Herewith	**Express Mail No.:**	EV327618563US

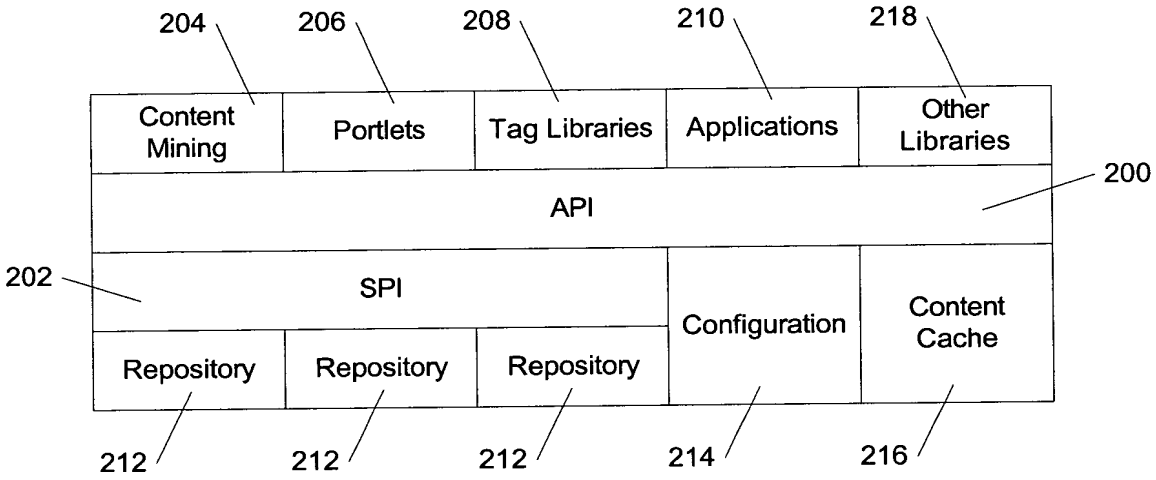

Figure 2

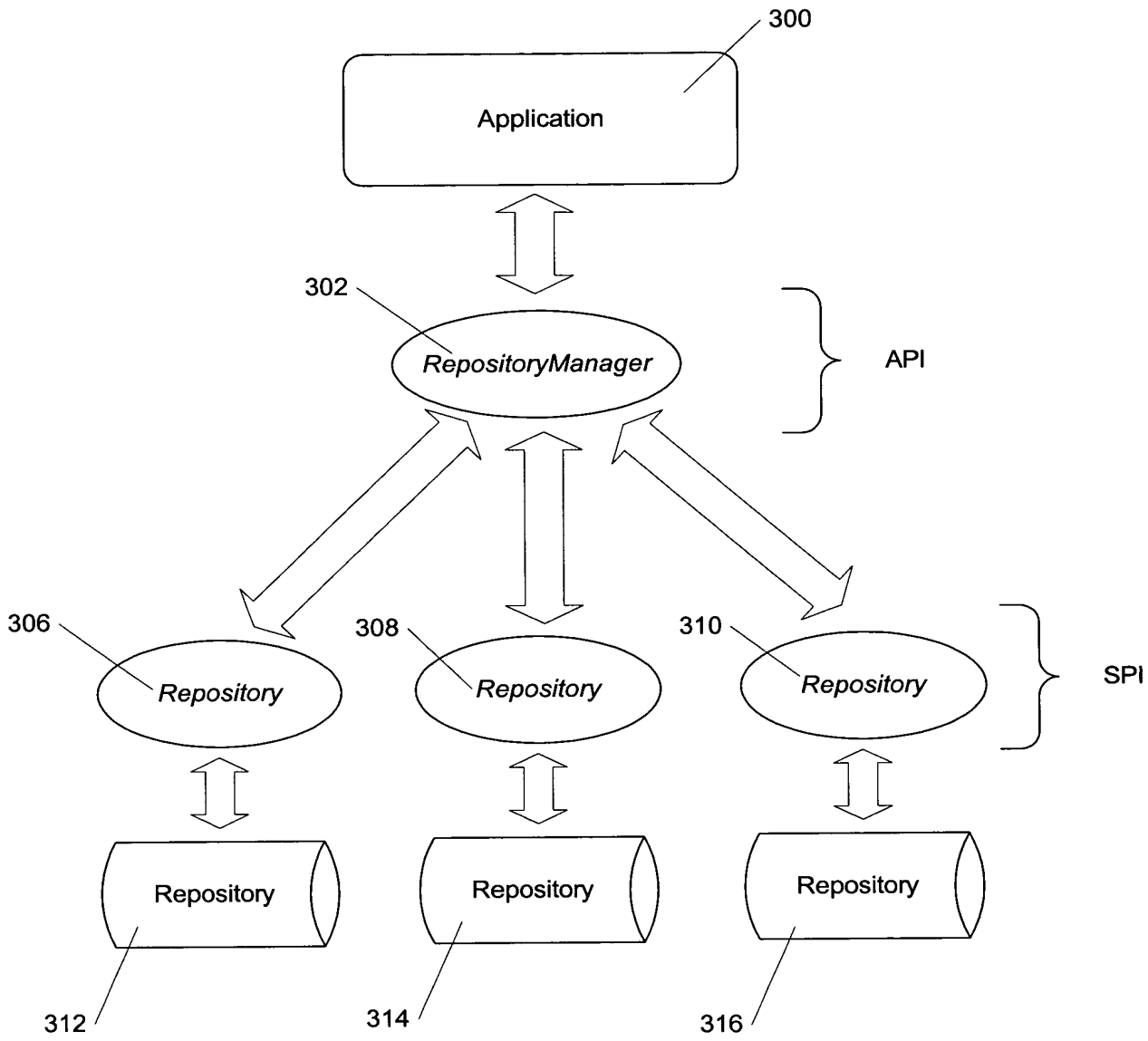
300
Application
302
RepositoryManager
API
306
Repository
308
Repository
310
Repository
SPI
Repository
Repository
Repository
312
314
316

Figure 3

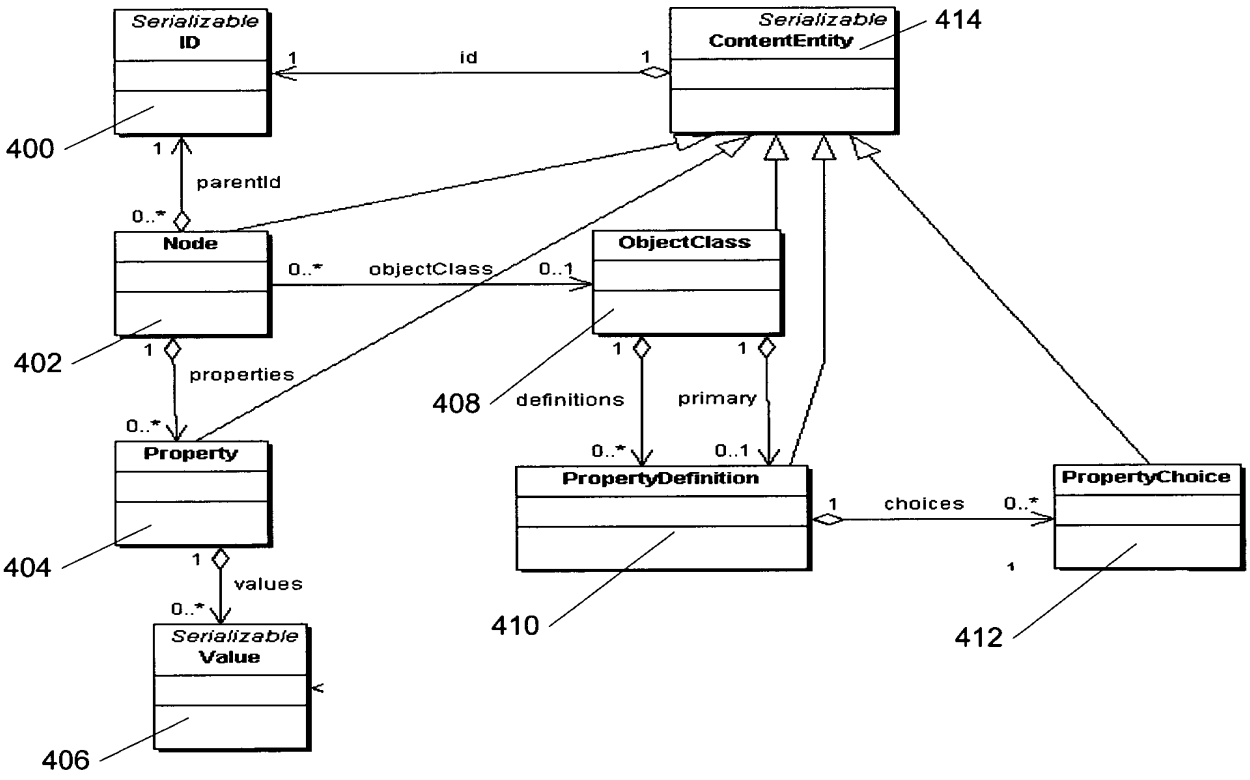
Serializable
ID
400
1
id
1
Serializable
ContentEntity
414
1
parentId
0..*
Node
402
0..*
objectClass
0..1
ObjectClass
408
1
properties
0..*
Property
404
1
values
0..*
Serializable
Value
406
1
definitions
1
primary
0..*
0..1
PropertyDefinition
410
1
choices
0..*
PropertyChoice
412

Figure 4

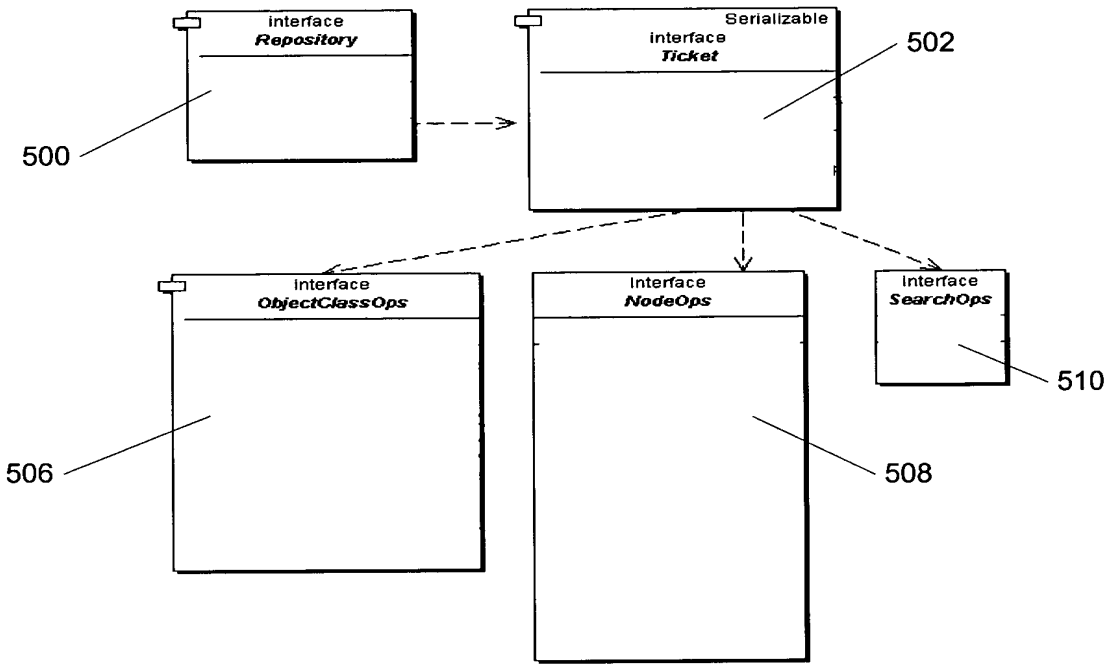
interface
Repository
Serializable
interface
Ticket
502
500
Interface
ObjectClassOps
Interface
NodeOps
Interface
SearchOps
510
506
508

Figure 5

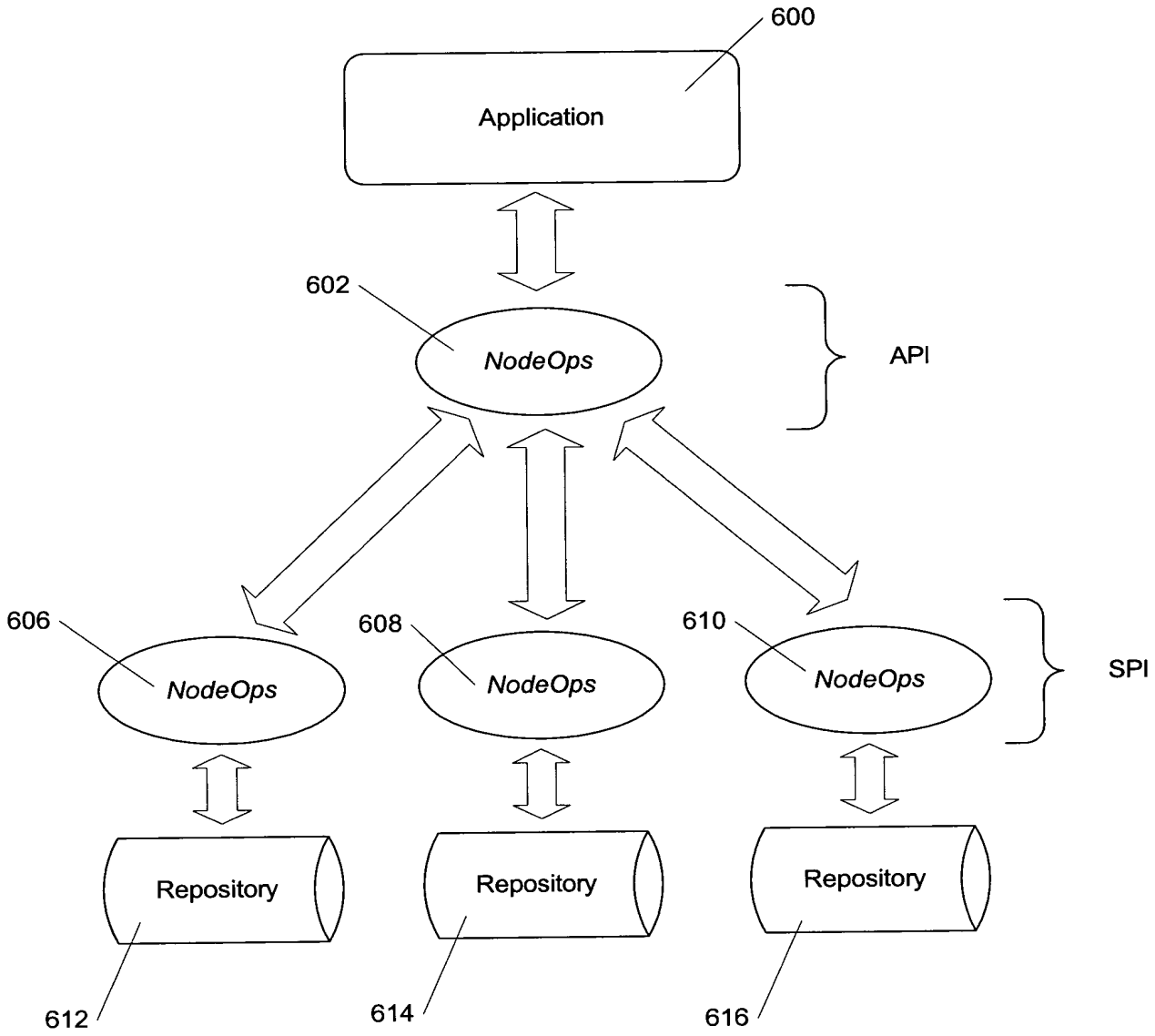
600
Application
602
NodeOps
API
606
NodeOps
608
NodeOps
610
NodeOps
SPI
Repository
Repository
Repository
612
614
616

Figure 6

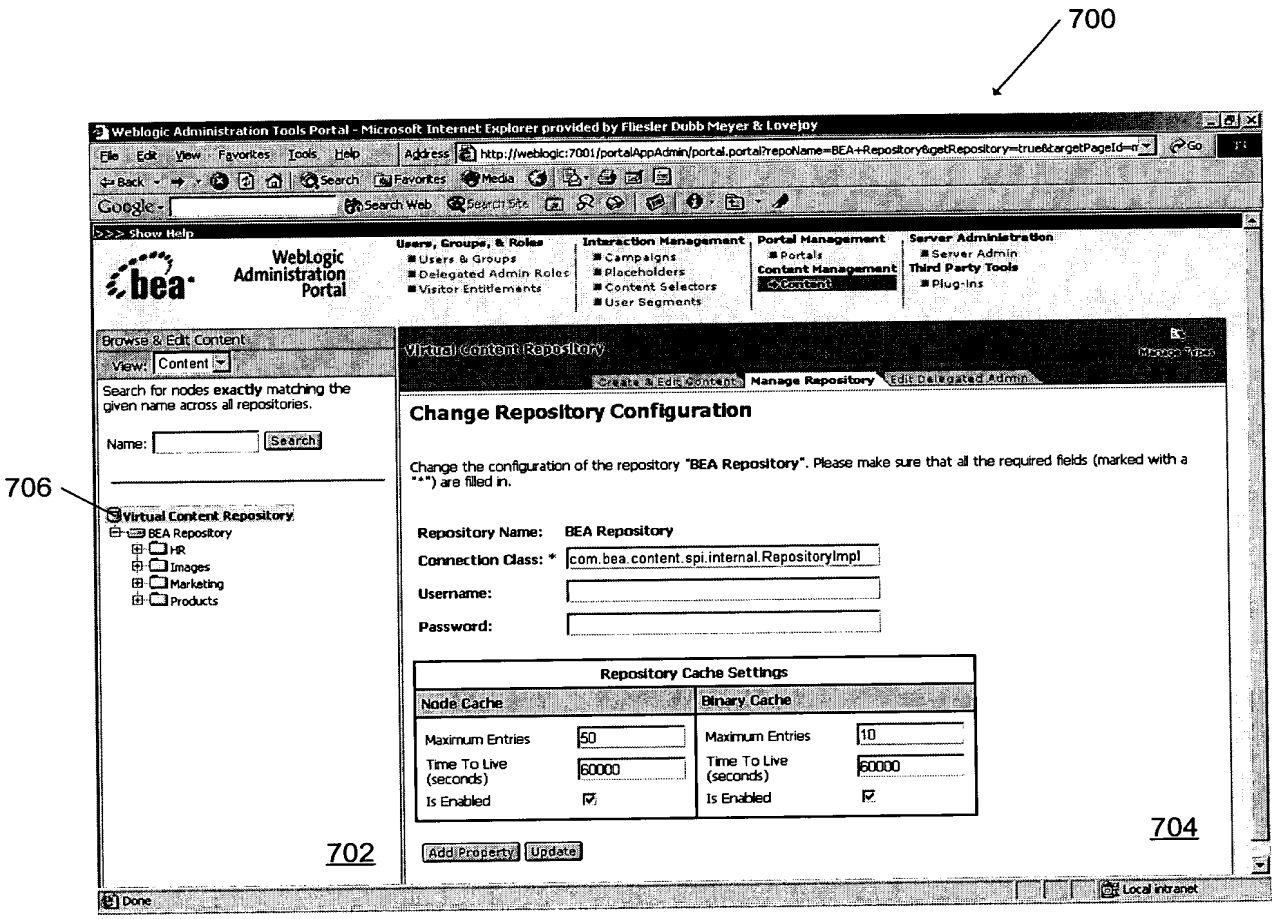
700
706
Weblogic Administration Tools Portal - Microsoft Internet Explorer provided by Fliesler Dubb Meyer & Lovejoy
WebLogic Administration Portal
Users, Groups, & Roles
Users & Groups
Delegated Admin Roles
Visitor Entitlements
Interaction Management
Campaigns
Placeholders
Content Selectors
User Segments
Portal Management
Portals
Content Management
Server Administration
Server Admin
Third Party Tools
Plug-Ins
Browse & Edit Content
View: Content
Search for nodes exactly matching the given name across all repositories.
Name:
Search
Virtual Content Repository
BEA Repository
HR
Images
Marketing
Products
Virtual Content Repository
Create & Edit Content
Manage Repository
Edit Delegated Admin
Change Repository Configuration
Change the configuration of the repository "BEA Repository". Please make sure that all the required fields (marked with a "*") are filled in.
Repository Name: BEA Repository
Connection Class: * com.bea.content.spi.internal.RepositoryImpl
Username:
Password:
Repository Cache Settings
Node Cache
Maximum Entries 50
Time To Live (seconds) 60000
Is Enabled
Binary Cache
Maximum Entries 10
Time To Live (seconds) 60000
Is Enabled
Add Property
Update
702
704
Done
Local intranet

Figure 7

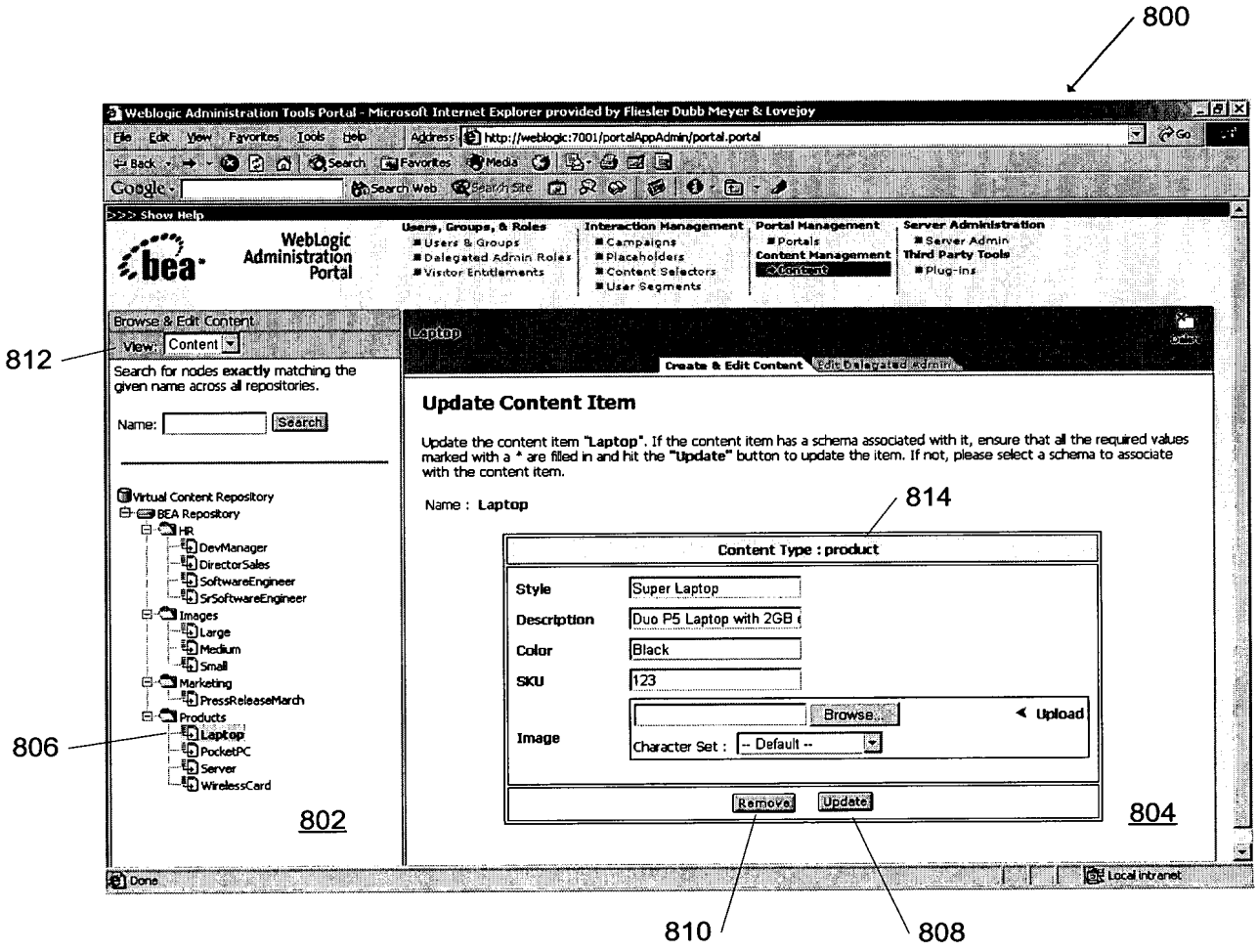
800
Weblogic Administration Tools Portal - Microsoft Internet Explorer provided by Fliesler Dubb Meyer & Lovejoy
WebLogic Administration Portal
Users, Groups, & Roles
Users & Groups
Delegated Admin Roles
Visitor Entitlements
Interaction Management
Campaigns
Placeholders
Content Selectors
User Segments
Portal Management
Portals
Content Management
Server Administration
Server Admin
Third Party Tools
Plug-ins
Browse & Edit Content
View: Content
Search for nodes exactly matching the given name across all repositories.
Name: Search
Virtual Content Repository
BEA Repository
HR
DevManager
DirectorSales
SoftwareEngineer
SrSoftwareEngineer
Images
Large
Medium
Small
Marketing
PressReleaseMarch
Products
Laptop
PocketPC
Server
WirelessCard
802
812
806
Laptop
Create & Edit Content
Update Content Item
Update the content item "Laptop". If the content item has a schema associated with it, ensure that all the required values marked with a * are filled in and hit the "Update" button to update the item. If not, please select a schema to associate with the content item.
Name : Laptop
814
Content Type : product
Style
Super Laptop
Description
Duo P5 Laptop with 2GB
Color
Black
SKU
123
Image
Browse...
Upload
Character Set : -- Default --
Remove
Update
804
810
808
Done
Local intranet

Figure 8

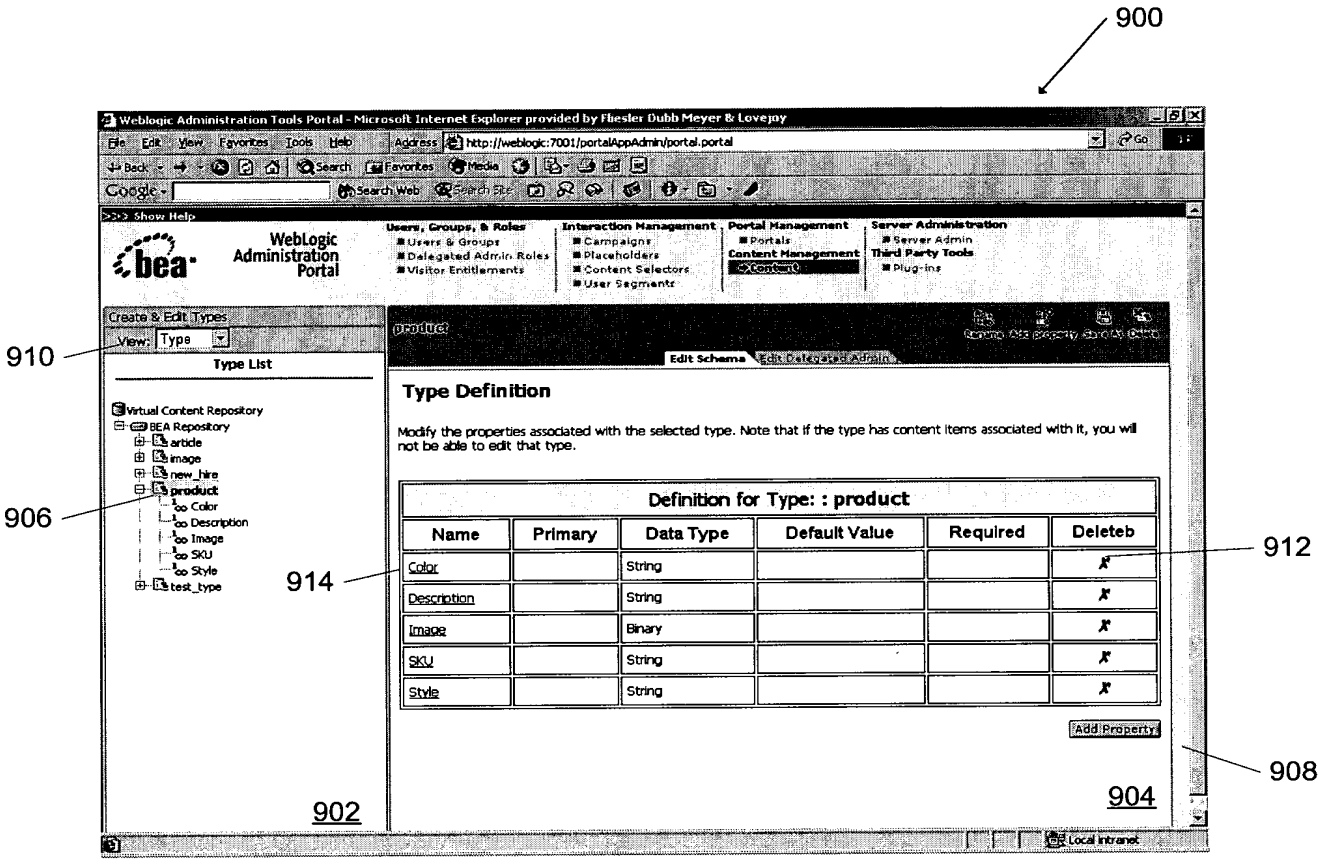
900
910
906
914
912
908
902
904
WebLogic Administration Portal
Create & Edit Types
View: Type
Type List
Virtual Content Repository
BEA Repository
article
image
new_hire
product
Color
Description
Image
SKU
Style
test_type
Edit Schema
Type Definition
Modify the properties associated with the selected type. Note that if the type has content items associated with it, you will not be able to edit that type.
Definition for Type: : product
Name
Primary
Data Type
Default Value
Required
Deleteb
Color
String
Description
String
Image
Binary
SKU
String
Style
String
Add Property

Figure 9

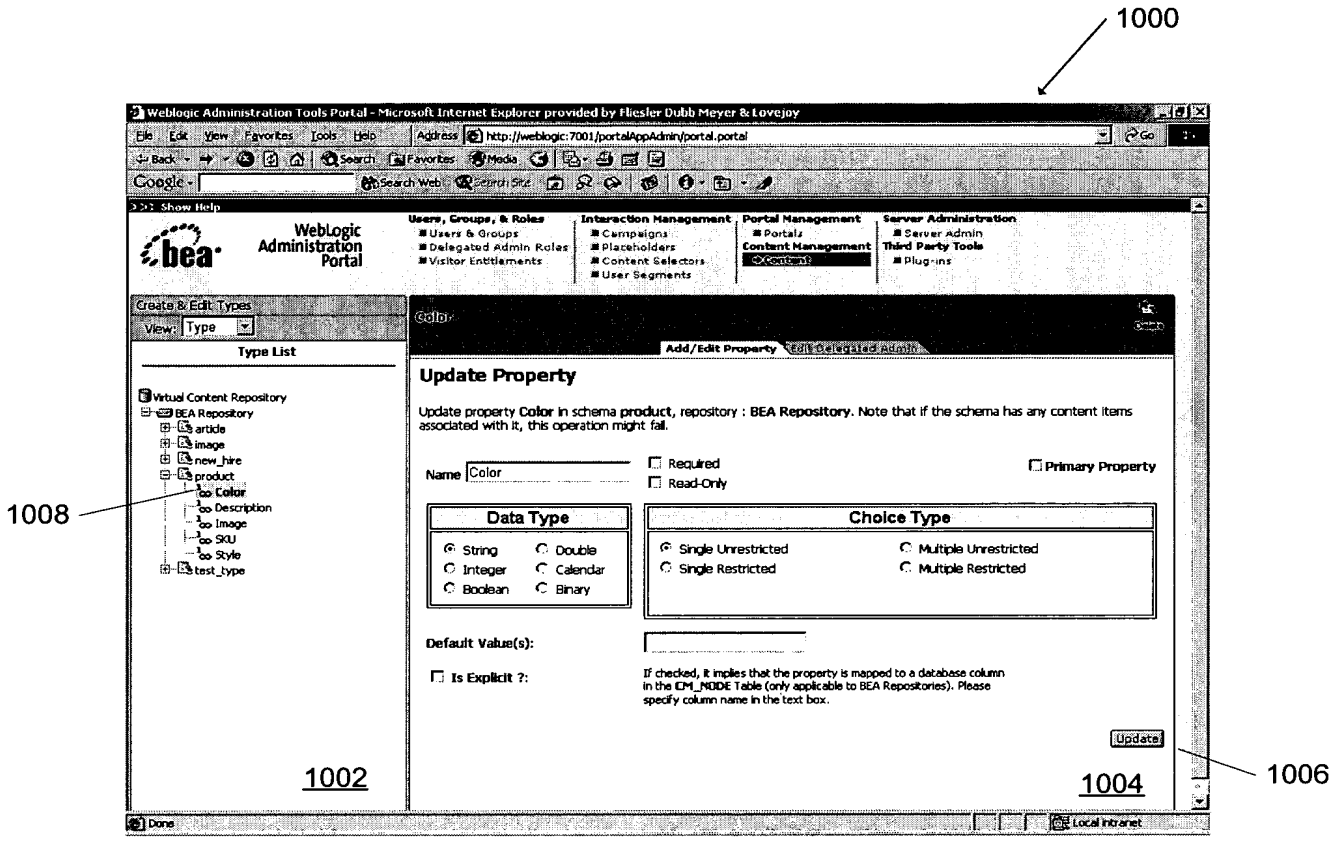
1000
1008
1002
1004
1006
Weblogic Administration Tools Portal - Microsoft Internet Explorer provided by Fliesler Dubb Meyer & Lovejoy
WebLogic Administration Portal
Users, Groups, & Roles
Users & Groups
Delegated Admin Roles
Visitor Entitlements
Interaction Management
Campaigns
Placeholders
Content Selectors
User Segments
Portal Management
Portals
Content Management
Server Administration
Server Admin
Third Party Tools
Plug-ins
Create & Edit Types
View: Type
Type List
Virtual Content Repository
BEA Repository
article
image
new_hire
product
Color
Description
Image
SKU
Style
test_type
Add/Edit Property
Update Property
Update property Color in schema product, repository : BEA Repository. Note that if the schema has any content items associated with it, this operation might fail.
Name Color
Required
Read-Only
Primary Property
Data Type
String
Double
Integer
Calendar
Boolean
Binary
Choice Type
Single Unrestricted
Multiple Unrestricted
Single Restricted
Multiple Restricted
Default Value(s):
Is Explicit ?:
If checked, it implies that the property is mapped to a database column in the ICM_NODE Table (only applicable to BEA Repositories). Please specify column name in the text box.
Update
Done
Local Intranet

Figure 10